

IN THE CLAIMS

Claim 1 has been amended as follows:

1. (Currently amended) An x-ray beam emission window for vacuum tubes and image intensifiers comprising:
a radiation-permeable plate formed by a disc of ceramic material selected from the group consisting of Al₂O₃ and SiC; and
a window frame directly supporting said plate and adapted for attachment in a wall opening of an evacuated housing, said window frame being composed of a metal compatible with thermal expansion properties of said ceramic material and having a composition of 27-30 wt% Ni, 16-24 wt% Co, other < wt%, and a remainder Fe.

Claim 2 has been cancelled

2. (Cancelled).
3. (Original) An x-ray beam emission window as claimed in claim 1 wherein said plate has a metallization thereon and is soldered into said window frame with solder.
4. (Original) An x-ray beam emission window as claimed in claim 1 wherein said plate is soldered into said window frame with active solder.
5. (Original) An x-ray beam emission window as claimed in claim 1 comprising an auxiliary frame composed of stainless steel and surrounding said window frame and adapted for welding into said wall opening of said evacuated housing.